

DSC-U50

Cyber-shot® U Digital Still Camera



FEATURES

1/2.7" 2.0 Megapixel Effective Super HAD™ CCD



Super HAD (Hole Accumulation Diode) CCDs provide excellent image quality by allowing more light to pass to each pixel, increasing sensitivity and reducing noise.

► Rotating Lens Housing

Allows *U* to get in the picture, and lets *U* take pictures from overhead or down low (120° front, 90° back).

Fast Start-Up (0.9 sec.)

Lets you capture your precious memories at the speed of life, rather than miss "The" shot, waiting for your camera to start up.

Pre-Flash Metering

With a momentary pre-flash, the camera illuminates the subject and sets exposure through the lens for accurate flash metering. Adjustable flash level and red-eye reduction insure great flash shots.

Memory Stick Duo™ and PRO Duo™ Compatibility

Digital, Powerful, Transportable.™ At 1/3 the size of standard Memory Stick® Media, Memory Stick Duo and PRO Duo Media offers the same benefits and capabilities, but in a smaller size, perfect for the ultra-compact camera.

Red-Eye Reduction

The Red-Eye Reduction system uses a series of pre-flashes that causes the subject's pupils to contract, reducing the possibility of reflection from the back of the eye that causes the red-eye problem.

Scene Selection Mode



With 5 Scene Modes (Soft Snap, Illumination Snap, Twilight, Active Outdoor and Vivid Nature), the camera parameters are changed to match the shooting conditions.

Progressive Scan

Provides crisp, clean images without interpolation of the loss of detail commonly seen with fast moving objects.

12-Bit DXP A/D Conversion



Sony's 12-bit Digital EXtended Processor captures the range between highlight and shadow with up to 4,096 values, for extended dynamic contrast and detail.

1.0" Hybrid LCD Monitor

Monitors the scene for accurate framing. The Hybrid system consists of a transmissive LCD combined with a reflective LCD. By turning off the LCD backlight, it will capture more ambient light virtually eliminating "wash-out." Images will be visible in the LCD even in the most challenging outdoor lighting conditions.

Auto Bright Monitoring

To help framing in low or no-light situations, the CCD gain is briefly increased to provide an extra bright display on the LCD viewfinder just before exposure.

Selectable Picture Size

Select 1632 x 1224 (UXGA) picture resolution great for photo quality 5" x 7" prints, or 640 x 480 (VGA) picture resolution for on-screen viewing and email applications.

Burst Mode

Capture ten (10) 640 x 480 frames or two (2) 1632 x 1224 frames, which allows for the ability to capture fast moving objects in separate files for viewing at a later date.

MPEG Movie EX Mode (No Audio)



Unlike earlier MPEG1 Movies, MPEG Movie EX will allow you to record 320 x 240 resolution MPEG movies uninterrupted up to the capacity of the Memory Stick Duo™ Media.

Playback Zoom



During playback, zoom either 2.5X or 5.0X on the image; then save the new image as a new file.

USB Interface



Allows digital still images and MPEG1 movies, stored on Memory Stick® Media, to be easily transferred to Microsoft® Windows® operating system compatible or Macintosh® computers equipped with USB terminals. Simply plug in the supplied USB cable from your camera to the computer's USB port for fast access to your pictures.

USB Bus Powered for File Transfer

Using the supplied USB cable, power is supplied to the camera allowing for easy transfer of still images and MPEG1 movies directly from the camera to the PC. No need for an additional power source.

► PictBridge™ Compatibility



Connect the DSC-U50 directly to a compatible printer via the supplied USB cable allows for easier printing capability without the need for a computer.

Picture Effects



Select from 4 Picture Effects (Negative Art, Sepia, Black & White, Solarize) to add creativity to ordinary pictures.

Picture Indexing

Finding a special picture stored on the Memory Stick® media is easy with the Picture Index mode. View four (4) images at a time for convenient and quick access to your images.

Rechargeable NiMH Batteries

Reliable power is provided by Sony's Nickel Metal Hydride (NiMH) AAA Stamina® batteries with external charger.

Active Lifestyle Lanyard

Over-sized, active-wear, adjustable lanyard included to allow the DSC-U50 to be portable, wearable, fashionable and accessible for you wherever you are and whenever you want to capture the moment.

► STEP-UP FEATURE

SPECIFICATIONS

Imaging Device: 1/2.7" 2.0 Megapixel Super HAD™ CCD

Recording Media: Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media

Zoom: N/A

Filter Diameter: N/A

Focal Length: 5.0mm

35mm Equivalent: 33mm

Aperture: f2.8

Focus: 4-Step Manual Preset with Auto

Minimum Focus Distance (Auto Macro): 3.9" (0.1m)

Shutter Speed: Auto (1/8 – 1/2000)

Manual Exposure: N/A

Color LCD: 1.0" 64K Pixels Hybrid LCD

Flash Modes: Auto/Forced On/Forced Off/Red-Eye Reduction

Red-Eye Reduction: On/Off

Flash Effective Range: 1.6 – 6.0 feet (0.5 – 1.8m)

White Balance: Auto/Daylight/Cloudy/Fluorescent/Incandescent

Picture Effects: Solarize, Black & White, Sepia, and Negative Art

ISO: Auto

Scene Modes: Soft Snap, Illumination Snap, Twilight, Active Outdoor, Vivid Nature

Self-Timer: Yes, 10 seconds

Video Output: N/A

Still Image Modes: JPEG (Normal)

MPEG Movie Mode: MPEG Movie EX (320 x 240) without Audio, Video Mail (160 x 112) without Audio

Clip Motion: N/A

Microphone/Speaker: N/A

USB Terminal: Yes

Memory Stick PRO Duo™ Media Compatibility¹: Tested to support up to 512MB media capacity; does not support high speed transfer function; does not support Access Control security function

Supplied Software: Pixela ImageMixer™ Software for Sony v1.5, USB Driver

OS Compatibility: Microsoft® Windows® 98, 98SE, 2000, Me, XP Home and Pro. Macintosh® 8.5.1/8.6/ 9.0/9.1/ 9.2/ X (10.0, 10.1, 10.2)

Supplied Accessories: "AAA" Rechargeable NiMH Batteries (2), BC-CS2 Battery Charger, USB Cable, MSG-M8A 8MB Memory Stick Duo™ Media, MSAC-MZ Memory Stick Duo Adapter, Lens Cap, Neck Strap, Software CD-ROM

Dimensions: 4" x 1 5/8" x 1" (99.9 x 40.5 x 24.9mm)

Weight: 4.7oz (132g)



JPEG Still Image Mode

Standard Picture Quality

Memory Stick Duo™ Media ¹	1632 x 1224 (2MP)	640 x 480 (VGA)
8MB	14	80
16MB	29	161
32MB	60	326
64MB	122	656
128MB	245	1316
Memory Stick PRO Duo™ Media		
256MB	445	2380
512MB	906	4840



MPEG MOVIE EX MODE

Maximum Storage Time

	MPEG EX (320 x 240)	Video Mail (160 x 112)
8MB	1m 26s	5m 35s
16MB	2m 54s	11m 3s
32MB	5m 52s	22m 43s
64MB	11m 48s	45m 40s
128MB	23m 39s	1h 31 m 34s
256MB	42m 47s	2h 45m 35s
512MB	1h 27m 1s	5h 36m 43s

h = hours

m = minutes

s = seconds

OPTIONAL ACCESSORIES

ACC-CN4 Starter Kit (BC-CSQ2 Quick Charger, 4 Ni-MH Rechargeable Batteries)
NH-AAA-2DA Rechargeable NiMH Batteries

LCS-UL Soft Carrying Case (Blue)

LCS-UM Soft Carrying Case (Black)

MSH-M64A, MSHM128A Memory Stick Duo™ Media

MSX-M256A, MSA-M512A, Memory Stick Pro Duo™ Media

LCH-MA High Grade Memory Stick® Media Case

MSAC-PC3 Memory Stick Media PCMCIA Card Adapter

MSAC-US30 Memory Stick Media USB Reader/Writer

MSAC-US70 Memory Stick USB Mouse/Adapter



OPTIONAL CARRYING CASES

SONY

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¹ Available storage capacity of Memory Stick Duo and Memory Stick PRO Duo media may vary. A portion of the memory is used for data management functions.